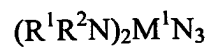


# **ABSTRACT**

The present invention provides a method for producing Group III nitride materials by converting a Group III azide of the formula:



5 under conditions sufficient to produce a Group III nitride material of the formula:



wherein

each of  $R^1$  and  $R^2$  is independently a hydrocarbyl; and

$M^1$  is a Group III metal.

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